

FIG. 1

FIG. 2 is a schematic diagram of a system 200 for providing location information to a mobile device 154.

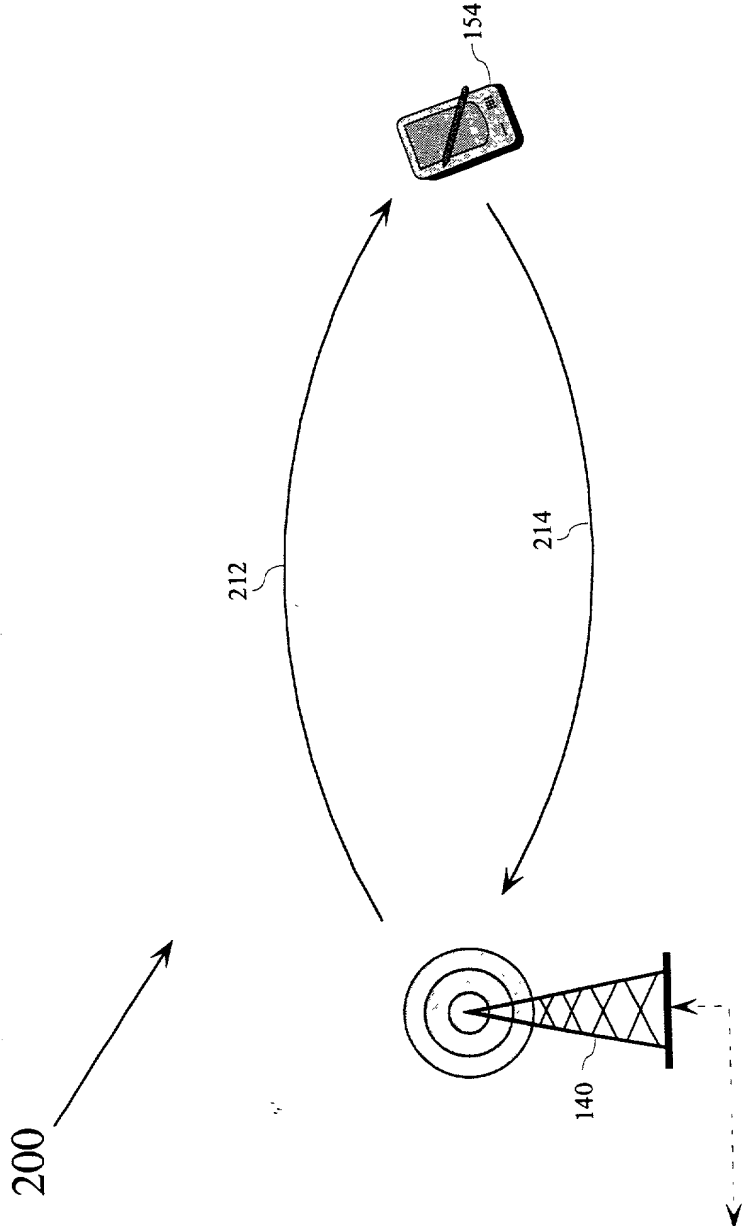


FIG. 2

FIG. 3 is a schematic diagram of a communication system 300. The system includes a satellite 320 and two ground stations, 310 and 330. The satellite 320 is in orbit and communicates with the ground stations via two sets of communication links. The first set of links, labeled 312 and 314, connects the satellite 320 to the ground station 310. The second set of links, labeled 322 and 324, connects the satellite 320 to the ground station 330. The ground station 310 is represented by a parabolic dish antenna, and the ground station 330 is represented by a smaller antenna structure. Dashed arrows indicate the direction of signal transmission between the satellite and the ground stations.

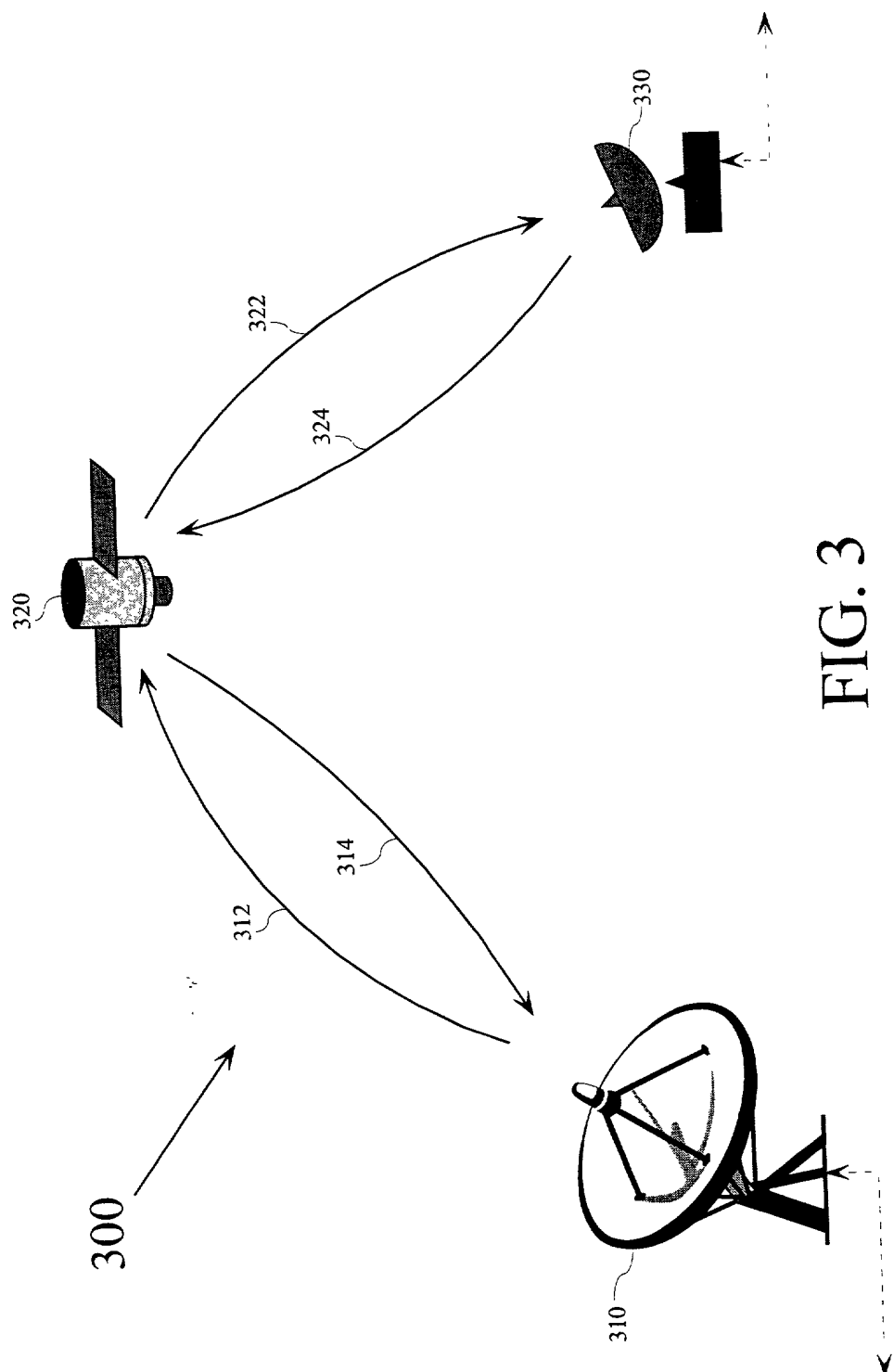


FIG. 3

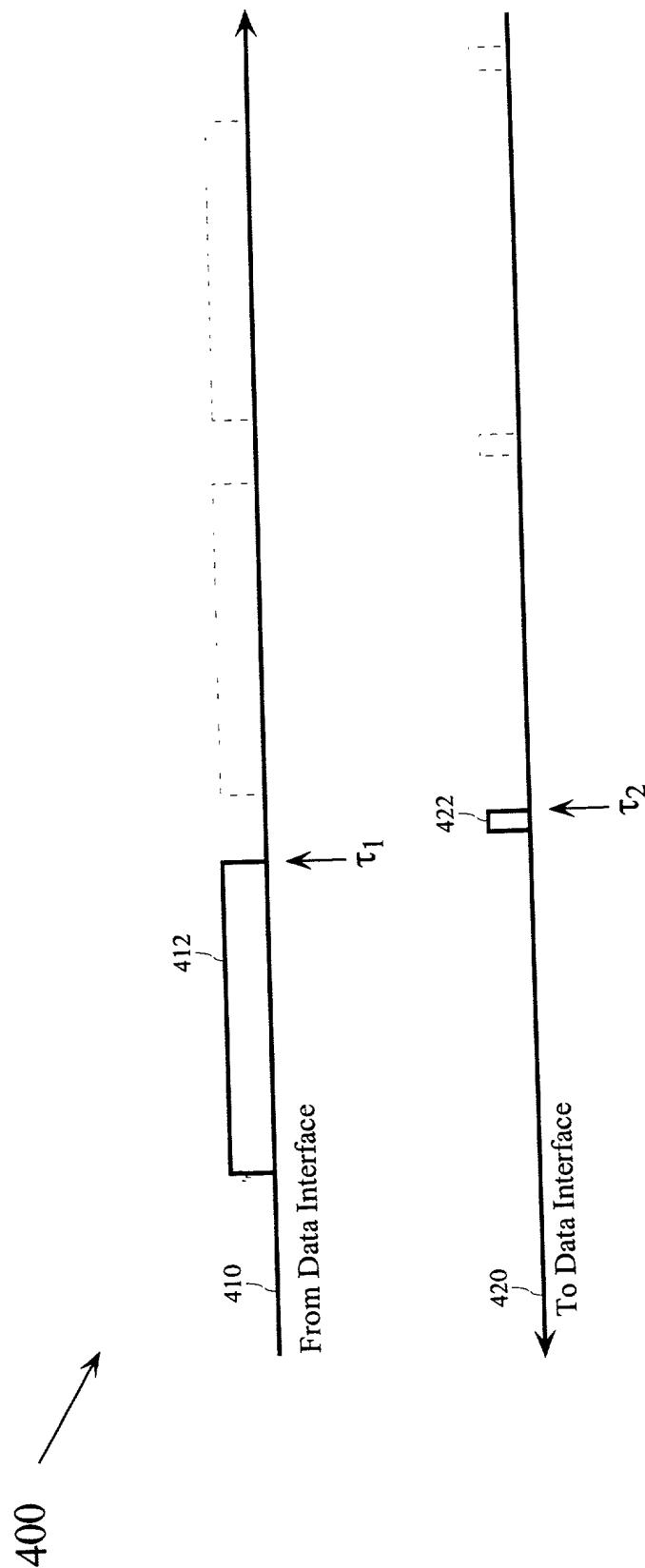


FIG. 4

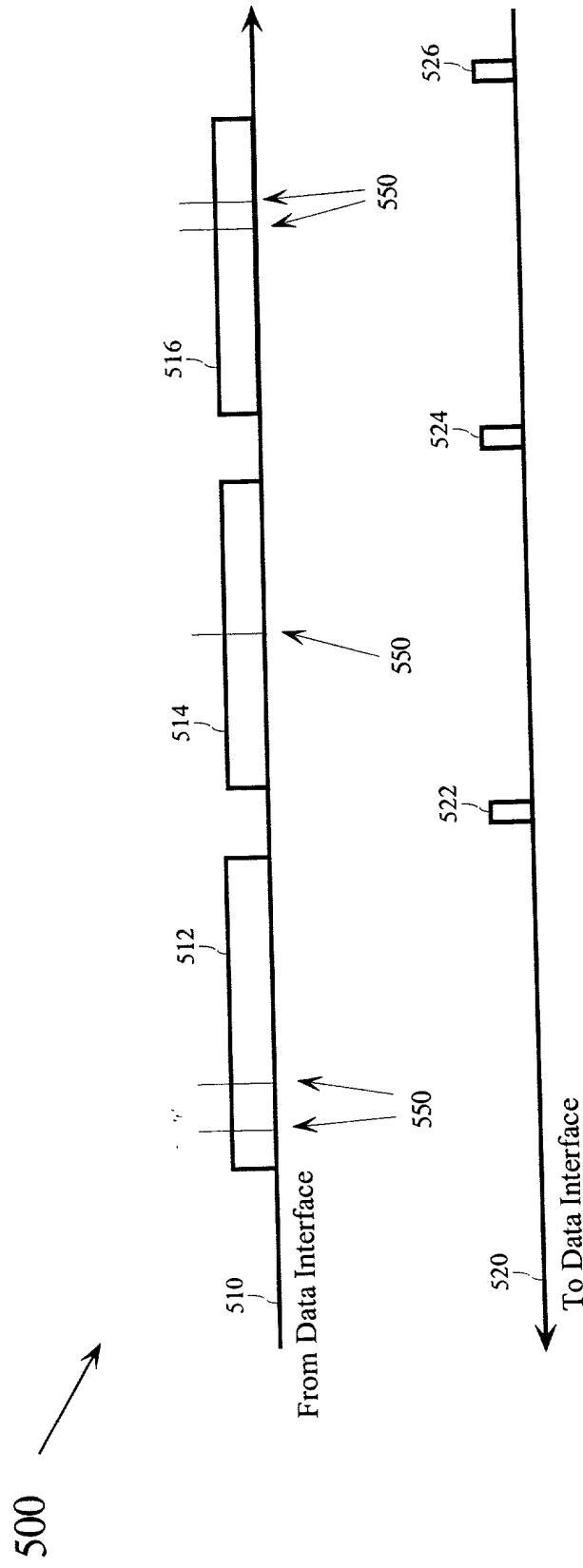


FIG. 5

600

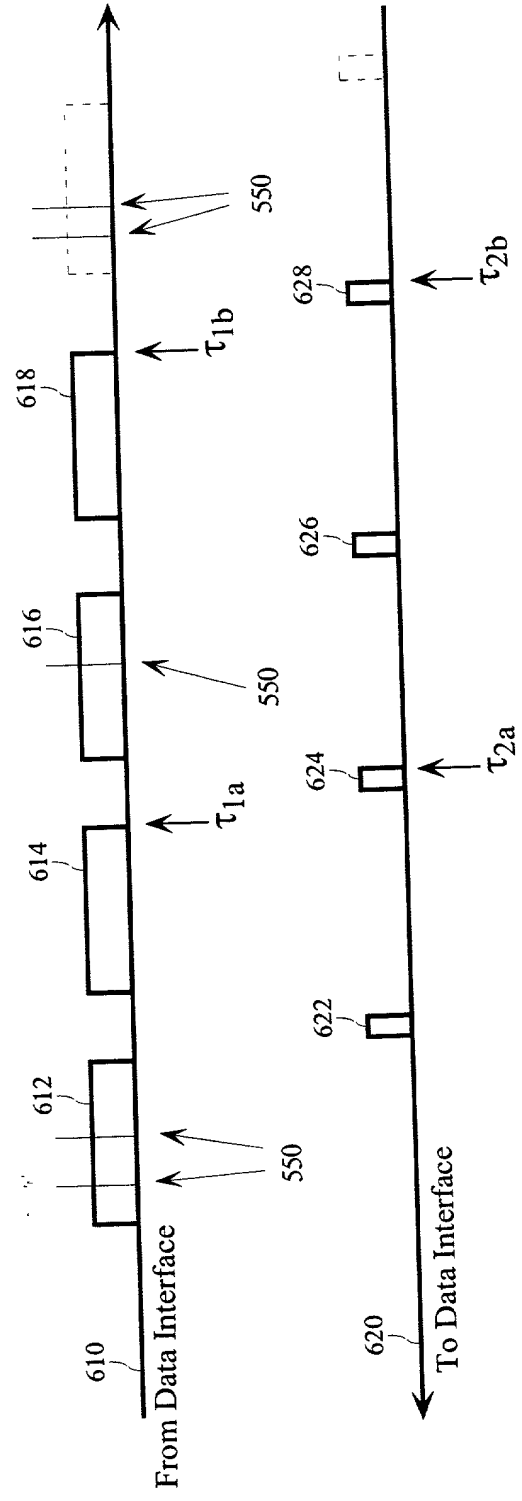


FIG. 6

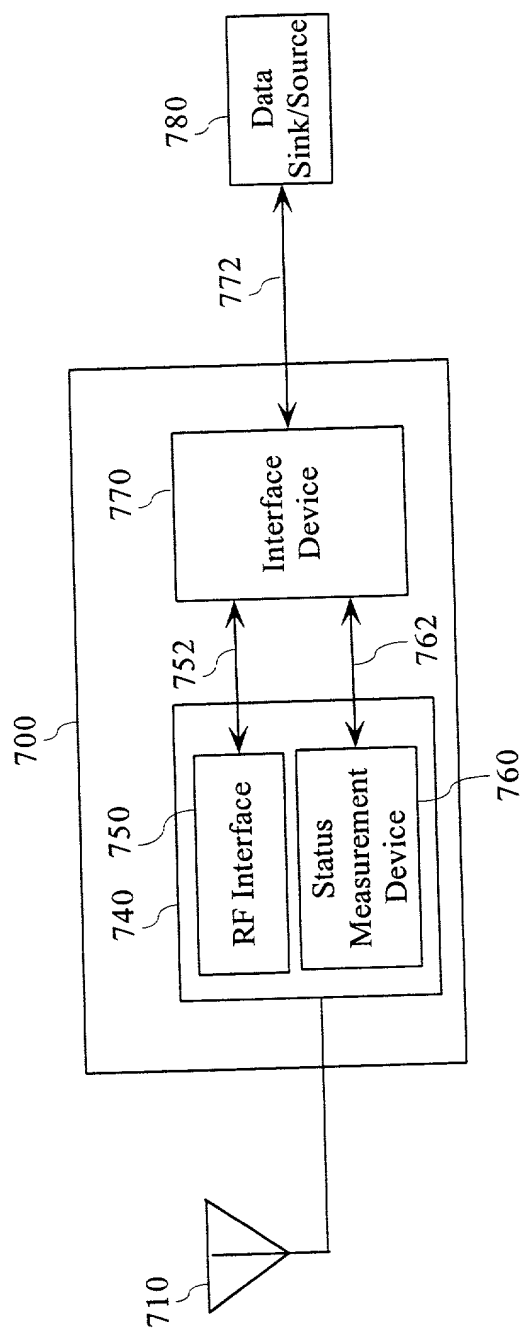


FIG. 7

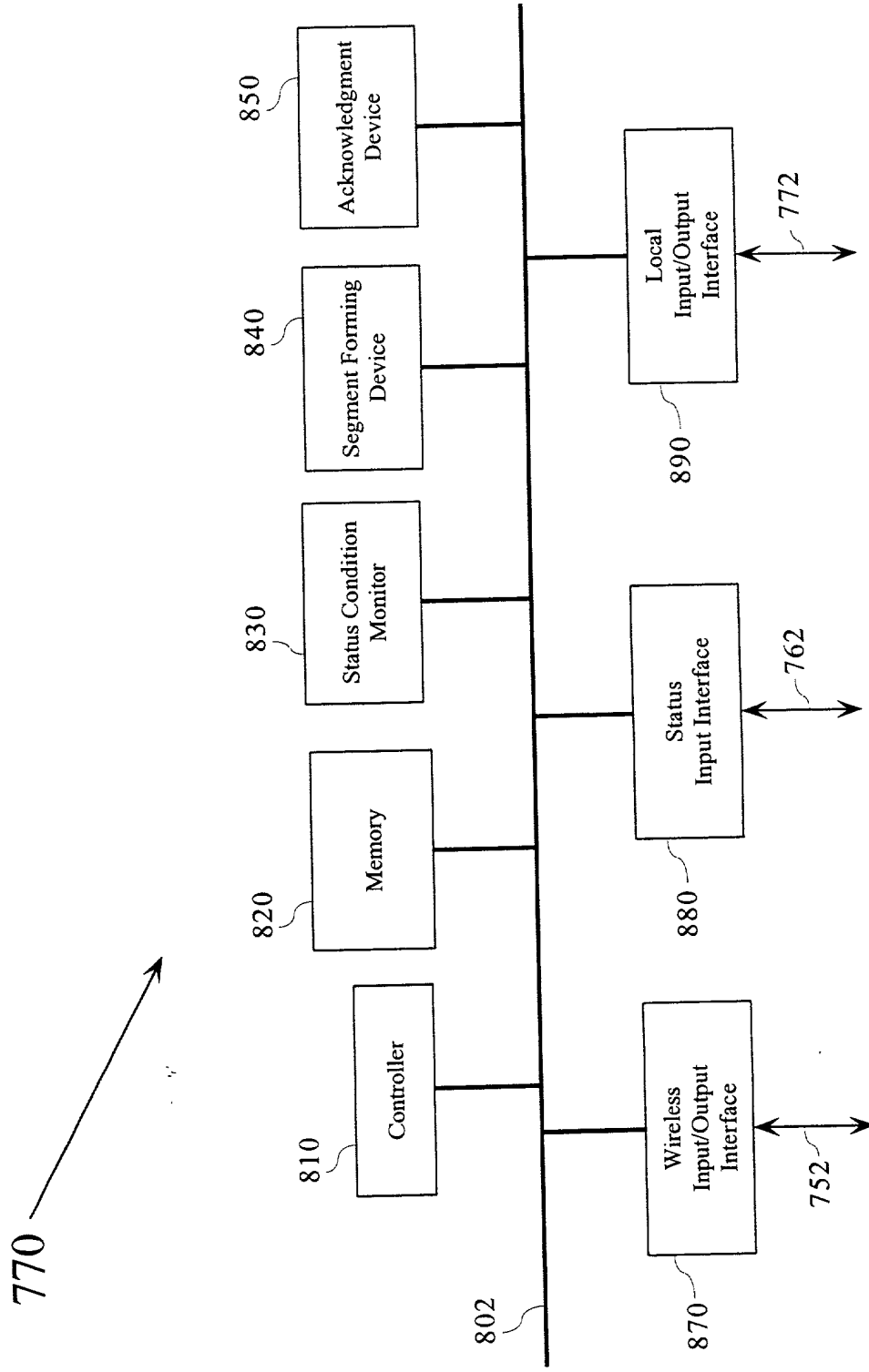


FIG. 8



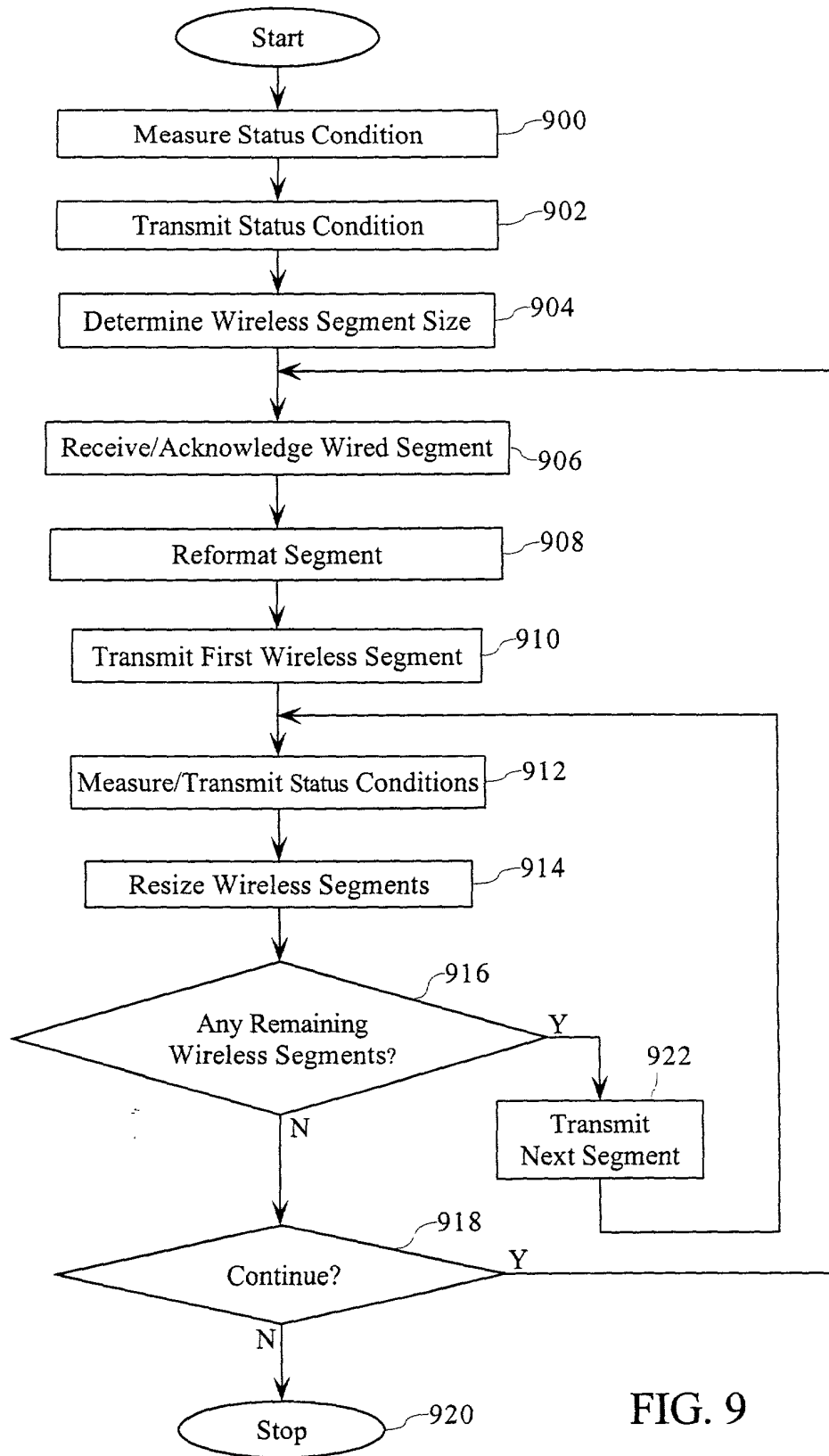


FIG. 9

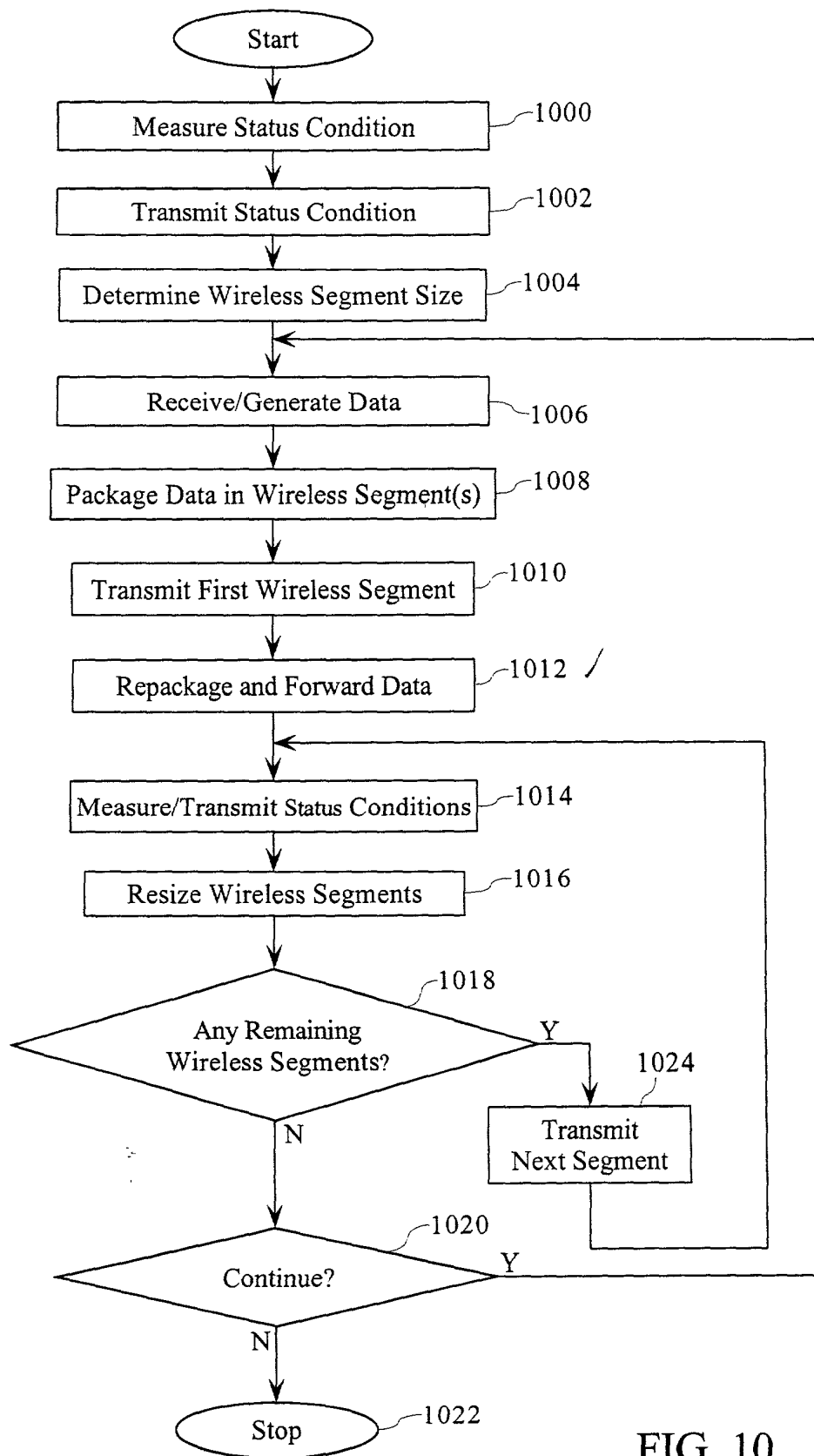


FIG. 10